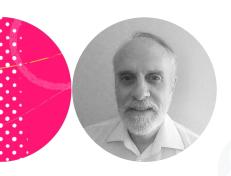
The Null Pattern



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Classification: Behavioral

Provides a default object to clients

Avoids null references

Client need not test for a valid object

Creational patterns can benefit

Let's see an example or two





Motivating example

Use the Null pattern where tests for valid references are required.





Using the Null pattern





Provides a default object

The default object need do nothing

Eliminate tests for None

Clients can just use the object returned

Not limited to classes

Useful for functions, iterators, generators

Next time you see a test for None...

...think of using the Null Pattern instead!